

HPS vs. LED: Your Security Light Options

Central Electric is now offering LED light options in addition to the traditional high pressure sodium (HPS) and mercury vapor security lights.

Currently, most members with lights serviced by Central Electric will have HPS lights. We will continue to replace these bulbs and cells for no cost. The new LED lights are options that can be purchased. See the information below to determine which light option best fits your needs. To request an installation or for more information, call our office at 800-477-2892.



**HIGH PRESSURE
SODIUM (HPS) VAPOR**



**COOPER CARETAKER
73 WATT - LED**



**MATECH
90 WATT - LED**

	HIGH PRESSURE SODIUM (HPS) VAPOR	COOPER CARETAKER 73 WATT - LED	MATECH 90 WATT - LED
WATTS	150	73	90
INITIAL COST OF LIGHT	\$100	\$159.75	\$321.23
ANNUAL OPERATING \$*	\$80.41	\$31.39	\$38.70
ANNUAL MAINTENANCE \$*	\$28.76	\$6.88	\$7.91
LIFE EXPECTANCY (Hours)	24,000+	87,000	100,000
STRENGTHS	<ul style="list-style-type: none"> - Most efficient HID light - Excellent lumen maintenance - Most HPS lamps can operate in any position 	<ul style="list-style-type: none"> - Instant On - Excellent color rendition - Long Life Photo Cell - Convertible wall/arm mount 	<ul style="list-style-type: none"> - Instant On - Excellent Color Rendition - Long Life Photo Cell - Extra lightening protection
WEAKNESSES	<ul style="list-style-type: none"> - Golden light color - Requires ballast - Requires 5-10 min startup & 1 min cool down 	<ul style="list-style-type: none"> - Expensive up front cost - Repair requires entirely new light - New technology/unproven record 	<ul style="list-style-type: none"> - Expensive up front cost - Repair requires entirely new light - New technology/unproven record - Dated design
WARRANTY	5 year	5 year	5 year
INSTALLATION COST/LABOR	\$90/1 hr of labor + \$45 per .5 hr of bucket truck use (assuming a pole is already installed)		

*Annual costs based on \$.10/kwh and 4300 hours/yr; Lamp/fixture replacement at manufacturer's life exp. ratings